

ANNALS OF INTERNAL MEDICINE

MAURICE C. PINCOFFS

Editor

PAUL W. CLOUGH

Assistant Editor

VOLUME 35

(OLD SERIES, VOLUME XL)

July to December, 1951

Hospital Library

610.5

A6

I6

CONTENTS

NUMBER 1, JULY, 1951

	Page
The Destiny of the American College of Physicians. WILLIAM S. MIDDLETON	1
Observations on the Results of Subtotal Adrenalectomy in the Treatment of Severe, Otherwise Intractable Hypertension and Their Bearing on the Mechanism by Which Hypertension Is Maintained. CHARLES C. WOLFERTH, WILLIAM A. JEFFERS, FRANCIS D. W. LUKENS, HAROLD A. ZINTEL and JOSEPH H. HAFKENSCHIEL	8
The Effects of Priscol (2-Benzyl-4, 5-Imidazoline Hydrochloride) in the Treatment of Peripheral Vascular Diseases. NATHAN FRANK, JOHN A. STRAZZA, JR. and JAMES T. HELSPER	19
Lack of Correlation between Symptoms and Degree of Renal Impairment. L. H. NEWBURGH and AUGUSTO A. CAMARA	39
Bacterial Endocarditis: Clinico-Pathologic Studies of Untreated, Treated and Cured Patients. HOWARD L. CORRELL, JOSEPH M. LUBITZ and M. C. F. LINDERT	45
Leukemia and Pregnancy: Report of Four Cases and Review of the Literature. WILLIAM A. SLENTZ	59
A Clinical Study of Malnutrition in Japanese Prisoners of War. MAURICE A. SCHNITKER, PAUL E. MATTMAN and THEODORE L. BLISS ..	69
Pulmonary Moniliasis. ROBERT W. OBLATH, DOUGLAS H. DONATH, HERBERT G. JOHNSTONE and WM. J. KERR	97
Vasopressor Components of Pheochromocytomas. KARL H. BEYER, CHARLES A. ROSS, VIRGIL D. WIEBELHAUS, WILLIAM S. WALLER and GRACE S. SCHUCHARDT	117
The Association of Graves' Disease with Myasthenia Gravis, with a Report of Five Cases. GEORGE LEVY, W. R. MEADOWS and ROLF M. GUNNAR ..	134
Renal Anoxia Syndrome: A Review and Report of 22 Cases. PETER GABERMAN, DONALD H. ATLAS, ERWIN M. KAMMERLING, LEE EHRLICH and JULIEN ISAACS	148
Studies in Disorders of Muscle. IV. The Clinical Manifestations and Inheritance of Childhood Progressive Muscular Dystrophy. FRANK H. TYLER and F. E. STEPHENS	169
Atypical Facial Neuralgia in the Hypothyroid State. FREDERICK B. WATTS ..	186
Myelocytic Leukemia: An Analysis of Incidence, Distribution and Fatality, 1910-1948. MICHAEL B. SHIMKIN, STACY R. METTIER and HOWARD R. BIERNAN	194
Case Reports:	
Marked Eosinophilia with Cancer: A Poor Prognostic Sign. IRVING B. BRICK and LEWIS GLAZER	213

Epidemic Parotitis Complicated by Pericarditis and Serositis. MELVILLE G. MAGIDA	218
Transient Periods of Cardiac Enlargement Associated with Hypersensitivity to Different Etiologic Agents. C. A. MCKINLAY	226
Eosinophilic Granuloma of Rib. DAVID R. WEIR	233
Blood Cell Changes in Leukemia during Aminopterin Therapy. RAPHAEL ISAACS and RALPH W. TRIMMER	236
Syphilis of the Stomach. PAUL S. FANCHER	240
Editorial—The Common Cold and the Antihistamines	249
Reviews	257
College News Notes	264
Abstract, Minutes of the Board of Regents	287
Abstract, Minutes of the Board of Governors	291
Abstract, Minutes of the Board of Regents	302

NUMBER 2, AUGUST, 1951

The Patient and the Physician. SIR JOHN PARKINSON	307
Allergy in the Aged. RICHARD A. KERN	315
Nocturnal Disorders of Medical Interest. S. VAISRUB	323
Chloroquine in Hepatic Amebiasis. WILLIAM A. SODEMAN, A. A. DOERNER, E. M. GORDON and C. M. GILLIKIN	331
Elevated Serum Pancreatic Enzyme Values without Primary Intrinsic Pancreatic Disease. EDWARD C. RAFFENSPERGER	342
Clinical Evaluation of Aurothioglycolanilide (Lauron-Endo) in Rheumatoid Arthritis. REUBEN R. MERLISS, BERNARD AXELROD, JOSEPH FINEBERG and MORRIS MELNIK	352
What Is Chronic Brucellosis? WESLEY W. SPINK	358
The Importance of the Cervical Spine to the Internist. A. IZARD JOSEY ..	375
Prolonged Regulation of Alloxan Diabetes in Dogs. LOUIS BAUMAN, JOSE L. R. CANDELA and TERRY MARTINO	391
Nutritional Factors in Cardiac Disease. THOMAS M. DURANT	397
Stellate Ganglion Block in Cerebrovascular Accidents. WILLIAM A. NOSIK	409
Recent Advances in Pulmonary Resection in the Treatment of Tuberculosis. JAMES H. FORSEE, CARL W. TEMPET and JOHN M. SALYER	417
Military Psychiatry Today. FRANCIS J. BRACELAND	432
Case Reports:	
Ruptured Aneurysm of the Splenic Artery: Case Report with Discussion. GEORGE W. ZELUFF and VICTOR PARSONNET	437
Renal Function Studies in Acute Syphilitic Nephrosis before and after Treatment with Penicillin. ROBERT H. FURMAN, ROBERT G. GALE, EDWIN M. ORY and ALBERT WEINSTEIN	444

CONTENTS

v

Rheumatoid Arthritis with Death from Medullary Compression. F. W. DAVIS, JR., and H. E. MARKLEY	451
Primary Thrombosis of the Axillary and Subclavian Veins. REVERDY H. JONES, JR.	454
Myasthenia Gravis: Report of Case Receiving Unusual Dosage of Neostigmine. J. A. RIDER, W. H. PICKETT and A. W. HARRISON	463
Aureomycin Treatment of Recurrent Cholangitis with Liver Abscesses Due to <i>Bacteroides Funduliformis</i> . SAMUEL H. RUBIN, PAUL K. BORNSTEIN, CORNELIUS PERRINE, A. DAVID RUBIN and DAVID SCHWIMMER	468
Editorial—The Surgical Treatment of Mitral Stenosis	476
Reviews	483
College News Notes	489

NUMBER 3, SEPTEMBER, 1951

Cardiac Symptoms. SIR JOHN PARKINSON	499
Clinical and Laboratory Observations on Autoimmune Hemolytic Disease. LAWRENCE E. YOUNG, GERALD MILLER and RICHARD M. CHRISTIAN	507
Cobalamin (Vitamin B ₁₂) and the Intrinsic Factor of Castle. FRANK H. BETHELL, MARIAN E. SWENDSEID, STANLEY MILLER and A. A. CINTRON-RIVERA	518
The Use of Cation Exchange Resins in Clinical Situations. T. S. DANOWSKI, L. GREENMAN, J. H. PETERS, F. M. MATEER, F. A. WEIGAND and R. TARAIL	529
The Place of the Electrocardiogram in Cardiac Diagnosis. FRANCIS F. ROSENBAUM	542
Mediastinal Emphysema Occurring with Therapeutic Pneumoperitoneum: Report of 10 Cases. MILTON N. TOWBIN	555
Pulmonary Changes Related to Cardiospasm. RICHARD A. LAKE	593
Coronary Sclerosis and Pulmonary Hypertension. EUGENE H. DRAKE ..	600
Liver Function Studies during Cortisone Therapy. JOSEPH H. HOLMES and S. C. PERCEFULL	608
The Clinical Application of Pituitary Adrenocorticotrophic and Adrenal Steroid Hormones. LAURANCE W. KINSELL	615
The Functional Interrelationship of the Anterior Pituitary and the Adrenal Cortex. DWIGHT J. INGLE	652
Meningo-Encephalitis Due to Brucellosis, with the Report of a Case in Which <i>B. Abortus</i> Was Recovered from the Cerebrospinal Fluid, and a Review of the Literature. EDWARD NICHOLS	673
Case Reports:	
Miliary Tuberculosis in a Cortisone Treated Patient: Case Report with Autopsy. ROBERT F. KLEINSCHMIDT and JOHN M. JOHNS- TON	694

Primary Liposarcoma of the Mediastinum. M. C. KOZONIS, R. F. WIGGERS and H. M. GOLDEN	703
Recovery from Refractory Diabetes Insipidus Associated with Narcolepsy. HERBERT C. MODLIN and WALTER DE M. SCRIVER	710
Reinfection Brucellosis. THOMAS W. GREEN	717
<i>Salmonella Senftenberg</i> Pneumonia. ARTHUR BERNSTEIN and LAWRENCE PERLMAN	721
Dissecting Aneurysm of the Aorta: Two Cases with Unusual Onsets. L. FELDMAN	728
Editorials—Civil Defense	743
Vagotomy in the Treatment of Peptic Ulcer	743
Reviews	748
College News Notes	752

NUMBER 4, OCTOBER, 1951

New Problems in the Treatment of Infectious Diseases. C. PHILLIP MILLER	763
Preventive Immunization in a National Emergency. R. E. DYER	771
Air Embolism. ARCHIBALD C. COHEN, GEORGE C. GLINSKY, GEORGE E. MARTIN and K. I. FETTERHOFF	779
Gastric Antacid and Anti-Secretory Drugs: A Survey Based Primarily on Their Effects upon Gastric Secretion in Man. JOSEPH B. KIRSNER, WALTER L. PALMER, ERWIN LEVIN and ARTHUR P. KLOTZ	785
A Test for the More Accurate Recognition of Gall-Bladder and Liver Bile during Diagnostic Biliary Drainage. AUGUSTUS A. HALL and JOHN M. MASEN	812
Atelectasis of the Right Middle Lobe Resulting from Perforation of Tuber- culous Lymph Nodes into Bronchi in Adults. ABRAHAM G. COHEN	820
Hypercholesterolemia: An Analysis of 529 Cases and Treatment of 297 by a Low Animal Fat Diet and Desiccated Thyroid Substance. W. W. PRIDDLE	836
The Rationale of Geriatric Medicine. EDWARD STIEGLITZ	848
Therapy of Traumatic Shock. BENJAMIN BURBANK	857
Myocardial Infarction in a Rural Hospital. FRANCIS F. HARRISON	872
Pain in Acute and Chronic Diseases of the Liver. HOWARD P. LEWIS	878
Some Social Implications of Medical Progress. FRANK G. DICKINSON ..	889
Case Reports:	
Sarcoidosis with Fatal Cardiac Involvement. GEORGE C. ADICKES, S. L. ZIMMERMAN and EDWARD S. CARDWELL, JR.	898
Hypoprothrombinemia Due to Dicumarol in a Maligner. WILLIAM A. STAFNE and ALLAN E. MOE	910

Acute Idiopathic Hemolytic Anemia: Report of a Severe Fatal Case with Immunologic Observations. CHARLES G. CRADDOCK, JR.	912
Severe Spontaneous Hypersensitivity to Heparin. ALEXANDER GOTZ	919
Serum Neuritis. ISIDORE FISCHER	922
A Case of Hand-Schüller-Christian Syndrome Treated with Cortisone. WILLIAM H. BLAHD, MARVIN S. LEVY and SAMUEL H. BASSETT	927
Editorial—Lipids and Arteriosclerosis	938
Reviews	944
College News Notes	949

NUMBER 5, NOVEMBER, 1951

Endocrine Patterns during Aging. THOMAS HODGE McGAVACK	961
Medical Problems in Radiologic Defense. FRANK R. PHILBROOK	975
Evaluation of Antibiotic Therapy in Human Leptospirosis. H. E. HALL, J. A. HIGHTOWER, R. DIAZ RIVERA, R. J. BYRNE, J. E. SMADEL and T. E. WOODWARD	981
Psychosomatic Medicine Looks at Medical Specialization. SIDNEY RUBIN	999
The Effect of Prolonged Administration of Thyroid. MACALLISTER W. JOHNSTON, A. H. SQUIRES and R. F. FARQUHARSON	1008
Blood Pressure Variations in the Two Arms. MILTON J. RUEGER	1023
The Use of Vitamin B ₁₂ in the Management of the Neurologic Manifestations of Diabetes Mellitus, with Notes on the Administration of Massive Doses. SALVATORE M. SANCTTA, PERRY R. AYRES and ROY W. SCOTT	1028
Oculo-Oro-Genital Syndrome: A Deficiency Disease. EUGENE C. JACOBS	1049
Revitalization of Tissue and Nutrition in Older Individuals. WILLIAM B. KOUNTZ	1055
Coccidioidal Meningitis: Report of Four Cases with Necropsy Findings in Three Cases. V. E. JENKINS and J. C. POSTLEWAITE	1068
Intermittent and Transient Bundle Branch Block: A Clinical and Electrocardiographic Study. AVERY A. SANDBERG, JOSEPH WENER, ARTHUR M. MASTER and LEONARD SCHERLIS	1085
Liver Function: An Attempt to Correlate Structural Change with Functional Abnormality. JOHN W. NORCROSS, JOSEPH D. FELDMAN, ROBERT F. BRADLEY, JR. and ROBERT M. WHITE	1110
Case Reports:	
Severe Pyelonephritis Due to Friedländer's Bacillus Treated Successfully with Streptomycin. PETER FISHER	1117
Solitary Myocardial Abscess in Subacute Bacterial Endocarditis. ADOLPH R. BERGER and CHARLES E. KOSSMANN	1125
Tetanus, a Severe Case with Recovery. FLETCHER B. TAYLOR, ROBERT G. PARSONS and HOWARD E. HANSEN	1134

<i>Pseudomonas aeruginosa</i> Meningitis Following Spinal Anesthesia: Report of Two Successfully Treated Cases. BERNARD H. PASTOR, WILLIAM I. GEFTER and SAMUEL BAER	1137
The Arrest of Recurrent Embolism Due to Auricular Fibrillation with Mitral Stenosis by Quinidine-Anticoagulant Therapy. HOWARD LACKAY and EDMUND L. HOUSEL	1143
Pseudohypertrophic Muscular Dystrophy. STEPHEN J. R. BRUNY and ALAN L. FRANKEL	1149
Editorial—The Oral Examination of the Board of Internal Medicine	1158
Reviews	1161
College News Notes	1165

NUMBER 6, DECEMBER, 1951

Terramycin Therapy of Pneumonia: Clinical and Bacteriologic Studies in 91 Cases. GEORGE G. JACKSON, THOMAS H. HAIGHT, EDWARD H. KASS, C. RAY WOMACK, THOMAS M. GOCKE and MAXWELL FINLAND	1175
Current Concepts of Beryllium Poisoning. H. S. VAN ORDSTRAND	1203
The Management of Lung Abscess, with Special Reference to the Place of Antibiotics in Therapy. E. H. DRAKE and F. MASON SONES, JR.	1218
A Study of the Use of Radioactive Gallium in Medicine. FREDERICK R. LANG	1237
A Quantitative Evaluation of the Contribution of Nitrogen Mustard to the Therapeutic Management of Hodgkin's Disease. ALFRED GELLHORN and VINCENT P. COLLINS	1250
Extrathyroidal Hypermetabolism: Classification and Discussion Including Three Illustrative Case Reports. MAURICE BRUGER and VINCENT P. HOLLANDER	1260
Disturbances of Cardiac Rhythm and Conduction in Congenital Cardiac Disease: Report of Five Cases. H. MILTON ROGERS	1276
The Psyche and the Soma: The Spiritual and Physical Attributes of the Heart. PAUL D. WHITE	1291
The Mechanism of Gallop Sounds, Studied with the Aid of the Electro-kymograph. PETER T. KUO, EUGENE A. HILDRETH and CALVIN F. KAY	1306
Further Observations on the Use of Liberalized Diets in the Treatment of Diabetes. HENRY J. JOHN	1318
Variability of Signs in Multiple Sclerosis. IRVING C. SHERMAN	1329
Myocardial Involvement in Acute Nonspecific Pericarditis: A Report of Three Cases. JOHN GODFREY	1336
Case Reports:	
Eczema Vaccinatum: Report of a Case Treated with Aureomycin. BRUCE M. ESPLIN	1346
Subacute Bacterial Endocarditis Presenting as a Subarachnoid Hemorrhage: Report of a Case with Recovery. ROBERT L. WHIPPLE, JR.	1351

CONTENTS

ix

The Renal Manifestations of Pheochromocytoma. HENRY H. FERTIG, ROBERT D. TAYLOR, A. C. CORCORAN and I. H. PAGE	1358
Cyclic Acute Agranulocytosis: Report of a Case, with Improvement after Splenectomy. JOSEPH F. SANDELLA	1365
Thyrotoxicosis with Features Simulating Lymphoblastoma. ROBERT C. LEVY and HERBERT G. LEVIN	1371
Henoch-Schönlein's Syndrome with Glomerulonephritis. LEON M. LEVITT, BENJAMIN BURBANK and BENJAMIN NATH	1374
Editorial—Recent Studies on the Treatment of Motion Sickness	1383
Reviews	1390
College News Notes	1396
Index	1426

THE AMERICAN COLLEGE OF PHYSICIANS
MEMBERS OF THE BOARD OF GOVERNORS

Term Expiring 1952

LELAND HAWKINS, Los Angeles	CALIFORNIA (Southern)
WARD DARLEY, Denver	COLORADO
THOMAS P. MURDOCK, Meriden	CONNECTICUT
JOHN MINOR, Washington	DISTRICT OF COLUMBIA
CHARLES H. DRENCKHAHN, Urbana	ILLINOIS (Southern)
JAMES O. RITCHIE, Indianapolis	INDIANA
WILLIAM C. MENNINGER, Topeka	KANSAS
CHESTER S. KEEFER, Boston	MASSACHUSETTS
JOSEPH D. McCARTHY, Omaha	NEBRASKA
EDWARD C. REIFENSTEIN, Sr., Syracuse	NEW YORK (Western)
WANN LANGSTON, Oklahoma City	OKLAHOMA
THOMAS M. McMILLAN, Philadelphia	PENNSYLVANIA (Eastern)
CHARLES W. MORTON, Pittsburgh	PENNSYLVANIA (Western)
CHARLES F. MORSMAN, Hot Springs	SOUTH DAKOTA
WILLIAM C. CHANEY, Memphis	TENNESSEE
FULLER B. BAILEY, Salt Lake City	UTAH
NILS P. LARSEN, Honolulu	HAWAII
HERBERT K. DETWEILER, Toronto	ONTARIO
IGNACIO CHÁVEZ, Mexico City	MEXICO
GILBERT M. STEVENSON, Ancon	REPUBLIC OF PANAMA and the CANAL ZONE

Term Expiring 1953

ARLESS A. BLAIR, Fort Smith	ARKANSAS
STACY R. METTIER, San Francisco	CALIFORNIA (Northern)
BENJAMIN F. WOLVERTON, Cedar Rapids	IOWA
THOMAS FINDLEY, New Orleans	LOUISIANA
DOUGLAS DONALD, Detroit	MICHIGAN
WESLEY W. SPINK, Minneapolis	MINNESOTA
RALPH A. KINSELLA, St. Louis	MISSOURI
LAWRENCE PARSONS, Reno	NEVADA
HARRY T. FRENCH, Hanover	NEW HAMPSHIRE
EDWARD C. KLEIN, Jr., South Orange	NEW JERSEY
ELBERT L. PERSONS, Durham	NORTH CAROLINA
ROBERT B. RADL, Bismarck	NORTH DAKOTA
HERMAN A. LAWSON, Providence	RHODE ISLAND
ROBERT WILSON, Jr., Charleston	SOUTH CAROLINA
ELLSWORTH L. AMIDON, Burlington	VERMONT
CHARLES M. CARAVATTI, Richmond	VIRGINIA
GEORGE H. ANDERSON, Spokane	WASHINGTON
PAUL H. REVERCOMBE, Charleston	WEST VIRGINIA
ARTHUR B. WALTER, St. John, N.B.	MARITIME PROVINCES
WALTER DE M. SCRIVER, Montreal	QUEBEC
JOSÉ J. CENTURIÓN, Havana	CUBA

Term Expiring 1954

E. DICE LINEBERRY, Birmingham	ALABAMA
LESLIE R. KOBER, Phoenix	ARIZONA
LEMUEL C. McGEE, Wilmington	DELAWARE
WILLIAM C. BLAKE, Tampa	FLORIDA
CARTER SMITH, (<i>Vice-Chairman</i>), Atlanta	GEORGIA
RICHARD P. HOWARD, Pocatello	IDAHO
HOWARD WAKEFIELD, Chicago	ILLINOIS (Northern)
J. MURRAY KINSMAN, Louisville	KENTUCKY
RICHARD S. HAWKES, Portland	MAINE
R. CARMICHAEL TILGHMAN, Baltimore	MARYLAND
LAURENCE J. CLARK, Sr., Vicksburg	MISSISSIPPI
HAROLD W. GREGG, Butte	MONTANA and WYOMING
WALTER I. WERNER, Albuquerque	NEW MEXICO
IRVING S. WRIGHT, New York	NEW YORK (Eastern)
CHARLES A. DOAN, (<i>Chairman</i>), Columbus	OHIO
MERL L. MARGASON, Portland	OREGON
DAVID W. CARTER, Jr., Dallas	TEXAS
KARVER L. PUESTOW, Madison	WISCONSIN
RAFAEL RODRIGUEZ-MOLINA, San Juan	PUERTO RICO
JOHN W. SCOTT, Edmonton	ALBERTA and BRITISH COLUMBIA
CHARLES H. A. WALTON, Winnipeg	MANITOBA and SASKATCHEWAN

Ex Officiis

HARRY G. ARMSTRONG	United States Air Force
GEORGE E. ARMSTRONG	United States Army
H. LAMONT PUGH	United States Navy
LEONARD A. SCHEELE	United States Public Health Service
JOEL T. BOONE	United States Veterans Administration